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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: CHING-WU CHU
Serial No.: 012,205
Filed: February 6, 1987
For: HIGH TRANSITION TEMPERATURE
SUPERCONDUCTING COMPOSITIONS
Examiner: D.L. Albrecht

GROUP 110
GROUP 115

AMENDMENT

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Dear Sir:

This amendment is responsive to the Office Action mailed September 4, 1987 (Paper No. 6) and the Supplemental Office Action mailed February 2, 1988 (Paper No. 9). This amendment is accompanied by a Petition for Three Month Extension of Time and the required fee. Hence this amendment is timely filed on August 2, 1988. Please amend the above entitled and numbered application as follows:

IN THE CLAIMS

Please cancel, without prejudice, claims 1-8.

Please amend claims 9-12 as follows:

9. (Amended) A superconducting metal oxide structure, comprising:
a copper substrate; and
a metal oxide complex deposited on said substrate, said complex having the formula $(L_{1-x}M_x)_aO_y$ wherein L is lanthanum, lutetium, yttrium, scandium or a combination thereof; M is barium, strontium, [calcium,

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